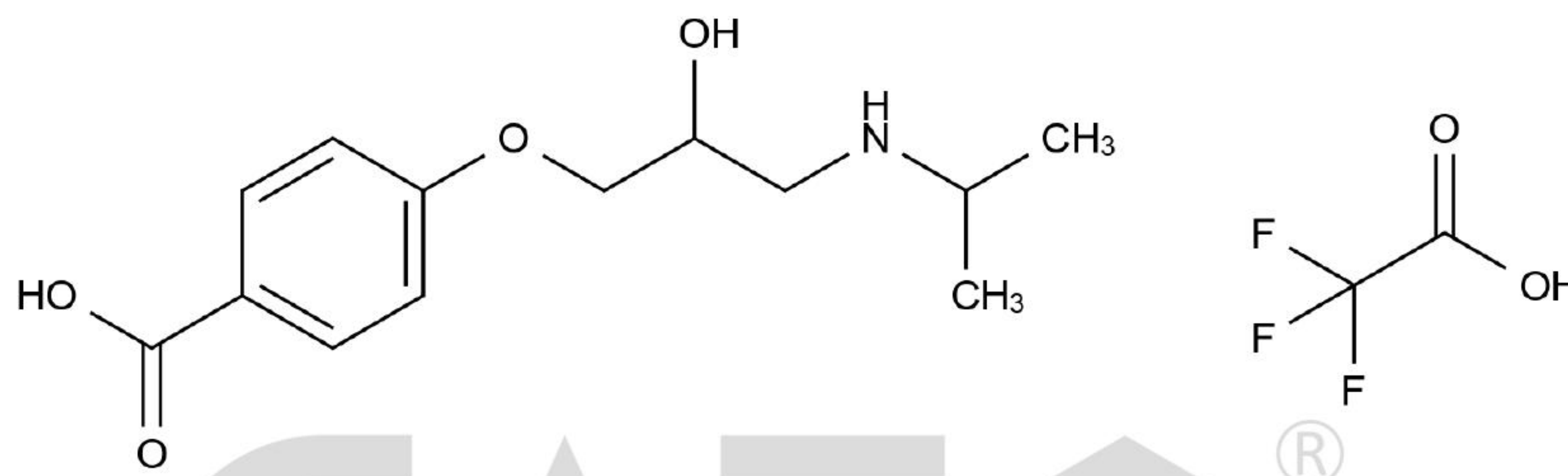


Certificate of Analysis

Reference Material

Product Name:	Bisoprolol Impurity 47 TFA salt	Catalogue Number:	C4X-124747
Chemical Name:	N/A	Lot Number:	0811-RE-0035
CAS Number:	N/A	Expiry Date:	Aug 14, 2026
Molecular Formula:	C ₁₃ H ₁₉ NO ₄ C ₂ HF ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	253.29 114.02		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.6%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aporoved by General manager:

David

Date: Aug 15, 2023

Date: Aug 15, 2023

Date: Aug 15, 2023

